

**Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2016, Arizona**

Year	Coal	Natural Gas <sup>a</sup>	Petroleum						Hydro-electric Power <sup>e,f</sup>	Biomass	Geothermal <sup>f</sup>	Solar <sup>f,h</sup>	Retail Electricity Sales	Net Energy <sup>f,j</sup>	Electrical System Energy Losses <sup>j</sup>	Total <sup>f,j</sup>
			Distillate Fuel Oil	HGL <sup>b</sup>	Kerosene	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Total <sup>d</sup>								
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million Kilowatthours	Wood and Waste <sup>f,g</sup>		Million Kilowatthours				
1960	0	25	106	113	0	89	39	348	NA	--	--	NA	3,302	--	--	--
1965	0	19	131	207	2	137	17	494	NA	--	--	NA	3,044	--	--	--
1970	0	23	220	239	12	146	31	648	NA	--	--	NA	4,690	--	--	--
1975	0	33	485	154	14	177	83	913	NA	--	--	NA	7,162	--	--	--
1980	0	27	280	187	0	179	0	647	NA	--	--	NA	9,122	--	--	--
1985	1	25	463	272	2	140	(s)	877	NA	--	--	NA	12,295	--	--	--
1990	(s)	28	456	220	2	257	0	935	0	--	--	(s)	16,058	--	--	--
1995	4	28	354	276	1	35	0	667	0	--	--	(s)	18,562	--	--	--
1996	(s)	29	592	223	2	35	5	857	0	--	--	(s)	19,555	--	--	--
1997	(s)	30	655	205	4	35	0	899	0	--	--	(s)	20,520	--	--	--
1998	(s)	32	1,122	293	1	36	0	1,452	0	--	--	(s)	21,683	--	--	--
1999	(s)	31	945	405	5	36	0	1,391	0	--	--	(s)	22,688	--	--	--
2000	(s)	32	867	356	3	37	0	1,263	0	--	--	(s)	24,311	--	--	--
2001	1	31	766	336	3	40	0	1,145	0	--	--	(s)	24,697	--	--	--
2002	1	32	832	342	2	41	0	1,216	0	--	--	(s)	25,162	--	--	--
2003	1	32	491	360	1	40	0	892	0	--	--	1	25,425	--	--	--
2004	1	33	346	278	2	40	0	666	0	--	--	1	26,106	--	--	--
2005	1	32	473	229	2	40	0	744	0	--	--	1	27,468	--	--	--
2006	1	33	458	206	2	43	0	711	0	--	--	2	28,626	--	--	--
2007	1	33	641	212	2	45	0	900	0	--	--	3	30,475	--	--	--
2008	0	33	1,226	428	(s)	45	0	1,699	0	--	--	8	30,162	--	--	--
2009	0	32	868	215	1	113	0	1,197	0	--	--	17	29,386	--	--	--
2010	0	32	1,200	309	1	146	0	R 1,655	0	--	--	57	28,943	--	--	--
2011	0	33	1,166	377	(s)	126	0	R 1,669	0	--	--	211	29,512	--	--	--
2012	0	32	1,145	351	(s)	109	0	R 1,606	0	--	--	R 314	29,692	--	--	--
2013	0	33	1,017	384	(s)	126	0	R 1,527	0	--	--	R 427	30,039	--	--	--
2014	0	30	1,025	455	(s)	43	0	R 1,524	0	--	--	506	29,290	--	--	--
2015	0	31	1,089	427	(s)	R 1,789	0	R 3,305	0	--	--	524	29,284	--	--	--
2016	0	31	869	631	(s)	1,789	0	3,288	0	--	--	493	29,564	--	--	--

Trillion Btu

1960	0.0	26.2	0.6	0.4	0.0	0.5	0.2	1.8	NA	0.1	NA	NA	11.3	39.3	27.9	67.1
1965	0.0	20.7	0.8	0.8	(s)	0.7	0.1	2.4	NA	(s)	NA	NA	10.4	33.5	24.8	58.3
1970	0.0	24.0	1.3	0.9	0.1	0.8	0.2	3.2	NA	0.1	NA	NA	16.0	43.3	38.7	82.0
1975	0.0	34.3	2.8	0.6	0.1	0.9	0.5	4.9	NA	0.1	NA	NA	24.4	63.7	58.6	122.3
1980	0.0	28.7	1.6	0.7	0.0	0.9	0.0	3.3	NA	0.2	NA	NA	31.1	73.3	74.8	138.1
1985	(s)	28.5	2.7	1.0	(s)	0.7	(s)	4.5	NA	0.4	NA	NA	41.9	79.3	96.1	169.4
1990	(s)	29.3	2.7	0.8	(s)	1.3	0.0	4.9	0.0	0.9	(s)	(s)	54.8	89.9	121.9	211.7
1995	0.1	29.3	2.1	1.1	(s)	0.2	0.0	3.3	0.0	1.1	(s)	(s)	63.3	97.2	139.9	237.1
1996	(s)	29.3	3.4	0.9	(s)	0.2	(s)	4.5	0.0	1.2	(s)	(s)	66.7	101.7	151.3	253.0
1997	(s)	30.8	3.8	0.8	(s)	0.2	0.0	4.8	0.0	1.6	(s)	(s)	70.0	107.3	153.9	261.2
1998	(s)	32.3	6.5	1.1	(s)	0.2	0.0	7.8	0.0	1.4	(s)	(s)	74.0	115.6	161.6	277.2
1999	(s)	31.8	5.5	1.6	(s)	0.2	0.0	7.3	0.0	1.6	(s)	(s)	77.4	118.1	169.6	287.7
2000	(s)	32.5	5.0	1.4	(s)	0.2	0.0	6.6	0.0	1.7	(s)	(s)	82.9	123.7	182.2	305.9
2001	(s)	31.3	4.5	1.3	(s)	0.2	0.0	6.0	0.0	1.1	(s)	(s)	84.3	122.7	181.6	304.2
2002	(s)	32.3	4.8	1.3	(s)	0.2	0.0	6.4	0.0	1.1	0.1	(s)	85.9	125.6	177.8	303.4
2003	(s)	32.7	2.9	1.4	(s)	0.2	0.0	4.5	0.0	1.1	0.1	(s)	86.7	125.1	177.4	302.5
2004	(s)	33.7	2.0	1.1	(s)	0.2	0.0	3.3	0.0	1.0	0.1	(s)	89.1	127.2	178.9	306.1
2005	(s)	32.6	2.8	0.9	(s)	0.2	0.0	3.8	0.0	1.4	0.1	(s)	93.7	131.7	184.3	316.0
2006	(s)	33.4	2.7	0.8	(s)	0.2	0.0	3.7	0.0	1.3	0.1	(s)	97.7	136.2	189.0	325.2
2007	(s)	33.5	3.7	0.8	(s)	0.2	0.0	4.8	0.0	1.4	(s)	(s)	104.0	143.8	197.7	341.4
2008	0.0	33.4	7.1	1.6	(s)	0.2	0.0	9.0	0.0	1.4	(s)	0.1	102.9	146.8	195.4	342.2
2009	0.0	32.8	5.0	0.8	(s)	0.6	0.0	6.4	0.0	0.5	(s)	0.2	100.3	140.1	192.8	332.9
2010	0.0	32.5	6.9	1.2	(s)	0.7	0.0	8.9	0.0	0.5	(s)	0.6	98.8	141.2	192.7	333.9
2011	0.0	33.1	6.7	1.4	(s)	0.6	0.0	8.8	0.0	0.5	(s)	R 2.0	100.7	145.1	202.3	347.4
2012	0.0	32.2	6.6	1.3	(s)	0.6	0.0	8.5	0.0	0.4	(s)	3.0	101.3	145.4	198.1	R 343.5
2013	0.0	33.7	5.9	1.5	(s)	0.6	0.0	8.0	0.0	0.4	(s)	4.1	102.5	R 148.7	201.3	R 350.0
2014	0.0	31.4	5.9	1.7	(s)	0.2	0.0	R 7.9	0.0	0.4	(s)	4.8	99.9	R 144.5	197.8	R 342.3
2015	0.0	31.9	6.3	1.6	(s)	9.1	0.0	R 17.0	0.0	0.4	(s)	4.9	99.9	154.1	193.2	347.3
2016	0.0	32.2	5.0	2.4	(s)	9.0	0.0	16.5	0.0	0.4	(s)	4.6	100.9	154.6	193.6	348.2

<sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

<sup>b</sup> Hydrocarbon gas liquids, assumed to be propane only.

<sup>c</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.

<sup>d</sup> Includes small amounts of petroleum coke not shown separately.

<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

<sup>g</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>h</sup> Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.

<sup>i</sup> For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

Beginning in 2009, includes a small amount of wind energy consumed by commercial utility-scale facilities. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

<sup>j</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.